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WHISTON RURAL DISTRICT COUNCIL

---

ANNUAL REPORT

by

F. W. BUNTING, M.B.E., M.D., D.P.H.

Medical Officer of Health for the Whiston Rural District

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For the Year 1971



WHISTON RURAL DISTRICT COUNCIL

The Chairman and Members of the  
Whiston Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit to you my Annual Report on the health of the Whiston Rural District for the year ended 31st December, 1971.

I am happy to report that the health of the community has remained satisfactory during the year.

The population of the District continues to increase. This in part is due to a preponderance of births over deaths and to a greater extent as a result of new houses being built in various areas; particularly in the Parishes of Knowsley and Whiston. The increase in population resulting from transfer from Liverpool has made it difficult to compare annual statistics with those of previous years.

The adjusted birth rate of 11.2 showed a decrease compared with the previous year and was lower than the rate for England and Wales which was 16.0. There was a decrease in the number of births, there being 1,308 compared with 1,338 in 1970.

The adjusted death rate was 13.7 per thousand. The death rate for England and Wales was 11.6.

The death rate resulting from cancer of the lung and bronchus is 0.48 per 1,000 compared with 0.50 during the previous year. This is a grim reminder of the need for everyone to appreciate the danger of cigarette smoking.

The infant mortality rate was 23 per thousand live births compared with 20 during 1970. The rate for England and Wales was 18.

I am happy to report that there were no maternal deaths.

During the year 213 cases of Infectious Diseases were notified and of these 125 were cases of measles.

There were 3 deaths from Pulmonary Tuberculosis and 9 cases were notified compared with 11 during the previous year.

No cases of Diphtheria or Poliomyelitis were notified.

The day to day commitments of the Public Health Inspectors continued to increase, and full details of the work of the Department will be found in the body of the report.

In conclusion, I would like to take this opportunity of expressing my thanks to the Health Committee for their support and encouragement during the year, and also to the Officials of the Council, in particular Mr. Corscadden, the Chief Public Health Inspector, for their assistance at all times.

I have the honour to be,

Your obedient servant

F. W. Bunting



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WHISTON RURAL DISTRICT COUNCIL

PUBLIC HEALTH DEPARTMENT

Officers:

Medical Officer of Health

F. W. BUNTING, M.B.E., M.D., D.P.H.

Deputy Medical Officer of Health

J. B. CLARKE, M.R.C.S. (Eng), L.R.C.P. (Lon), D. Obst., R.C.O.G., D.P.H.

Chief Public Health Inspector

H. CORSCADDEN, F.A.P.H.I.

ANNUAL REPORT FOR 1971

GENERAL STATISTICS

Area of the District in Acres	...	...	...	...	...	...	23,750
Population at Census - 1971	...	...	...	...	...	...	85,558
Registrar General's estimate of home population - Mid 1971	...	...	...	...	...	...	85,558
Density of Population (i.e. number of persons per acre based on mid-year population)	...	...	...	...	...	...	3.6
Number of inhabited houses (1961 Census)	...	...	...	...	...	...	12,508
Number of inhabited houses (end of 1971 according to rate book)	...	...	...	...	...	...	25,706
Rateable Value	...	...	...	...	...	...	£3,348,603
Sum represented by a new one penny rate	...	...	...	...	...	...	£31,416

EXTRACTS FROM VITAL STATISTICS  
FOR THE YEAR

Live Births -

Males: 639 Females: 646	...	...	...	...	...	1,285
Rate per 1,000 estimated population	...	...	...	...	...	11.2
Illegitimate live births per cent of total live births	...	...	...	...	...	7.6

Still Births -

Males: 9 Females: 14	...	...	...	...	...	23
Rate per 1,000 total live and still births	...	...	...	...	...	18
Total live and still births	...	...	...	...	...	1,308

Infant Deaths -

(deaths under 1 year)	...	...	...	...	...	...
Males: 14 Females: 16	...	...	...	...	...	30

Illegitimate Births -

The percentage of births which were illegitimate during each of the past seven years is as follows:-

1965	...	...	...	...	...	3.5	1968	...	...	...	...	5.5
1966	...	...	...	...	...	3.1	1969	...	...	...	...	6.0
1967	...	...	...	...	...	4.8	1970	...	...	...	...	6.1
							1971	...	...	...	...	7.5

Infant Mortality Rates -

Total infant deaths per 1,000 total live births	...	...	...	...	...	23
Legitimate infant deaths per 1,000 legitimate live births	...	...	...	...	...	24
Illegitimate infant deaths per 1,000 illegitimate live births	...	...	...	...	...	10
Neo-natal mortality (deaths under 4 weeks per 1,000 total live births)	...	...	...	...	...	12
Early neo-natal mortality (deaths under 1 week per 1,000 total live births)	...	...	...	...	...	11
Perinatal mortality rate (still births and deaths under 1 week per 1,000 total live and still births)	...	...	...	...	...	28

Maternal Mortality including abortion -

Number of deaths	...	...	...	...	...	...	...	...	.000
Rate per 1,000 total live and still births	...	...	...	...	...	...	...	...	.000

Deaths -

Males: 381 Females: 369	...	...	...	...	...	...	750
Rate per 1,000 population - Crude	...	...	...	...	...	...	8.8
-Adjusted	...	...	...	...	...	...	13.7
Excess of births over deaths	...	...	...	...	...	...	535
Death rate from influenza per 1,000 of the population	...	...	...	...	...	...	.000
Death rate from cancer per 1,000 of the population	...	...	...	...	...	...	1.67
Death rate from respiratory tuberculosis per 1,000 of the population	...	...	...	...	...	...	0.02
Death rate from measles per 1,000 of the population	...	...	...	...	...	...	.000
Death rate from whooping cough per 1,000 of the population	...	...	...	...	...	...	.000
Percentage of total deaths occurring in Hospitals, etc	...	...	...	...	...	...	72.13





CAUSES OF, AND AGES AT, DEATH DURING YEAR 1971

	ALL AGES	UNDER 4 WEEKS	4 WEEKS & UNDER 1 YEAR	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & Over
Bacillary Dysentery, Amoebiasis	1	-	-	-	-	-	-	-	-	1	-	-
Tuberculosis of Respiratory System	2	-	-	-	-	-	-	-	1	1	-	-
Late effects of Respiratory T.B.	1	-	-	-	-	-	-	-	-	1	-	-
Other infective and Parasitic Diseases	2	-	-	-	1	-	-	-	1	-	-	-
Malignant Neoplasm, Buccal Cavity	2	-	-	-	-	-	-	-	-	-	2	-
Oesophagus	2	-	-	-	-	-	-	-	-	-	-	2
Stomach	10	-	-	-	-	-	-	1	1	2	3	3
Intestine	21	-	-	-	-	-	-	-	1	6	11	3
Larynx	1	-	-	-	-	-	-	-	-	-	-	1
Lung, Bronchus	41	-	-	-	-	-	-	-	7	16	14	4
Breast	16	-	-	-	-	-	1	-	5	3	5	2
Uterus	8	-	-	-	-	-	-	-	3	3	1	1
Prostate	1	-	-	-	-	-	-	-	-	-	1	-
Leukaemia ...	3	-	-	-	-	-	-	-	-	1	2	-
Other Malignant Neoplasms ...	38	-	-	-	1	1	-	1	6	7	12	10
Diabetes Mellitus ...	5	-	-	-	1	-	-	-	-	-	3	1
Avitaminoses ...	2	-	-	-	-	-	-	-	-	-	-	2
Other Endocrine Diseases ...	2	-	1	-	-	-	-	-	1	-	-	-
Anaemias ...	4	-	-	-	-	1	-	-	-	-	1	2
Mental Disorders ...	2	-	-	-	-	-	-	-	-	-	-	2
Multiple Sclerosis ...	2	-	-	-	-	-	-	1	-	1	-	-
Other Diseases of Nervous System ...	9	-	-	-	-	2	-	2	-	1	1	3
Chronic Rheumatic Heart Disease ...	14	-	-	-	-	-	1	-	6	2	1	4
Hypertensive Disease ...	12	-	-	-	-	-	-	-	1	3	6	2







# DISEASES OF THE RESPIRATORY SYSTEM

The following table shows death rates per 1,000 of the population from diseases of the respiratory system which occurred in the Rural District, together with corresponding data for England and Wales.

Diseases	Whiston R.D.	England & Wales
Influenza	0.00	0.014
Pneumonia	0.74	0.807
Bronchitis and Emphysema	0.44	0.044
Other diseases of respiratory system	0.15	0.060
Cancer of lung and bronchus	0.48	0.630
Respiratory tuberculosis	0.02	0.025

## CAUSES OF ACCIDENTAL DEATHS IN AGE GROUPS - 1971

	Under 1 year	1 - 4 years	5 -14 years	15-44 years	45-64 years	65-74 years	75 years and over	All Ages
Road Traffic Accidents	-	-	3	6	3	-	1	13
Falls	-	-	-	-	2	2	6	10
Works Accidents	-	-	-	1	1	-	-	2
Drowning	-	-	-	-	-	-	-	-
Burns	-	-	-	-	-	-	-	-
Other Accidental Deaths	1	-	-	1	2	2	-	6
T O T A L	1	-	3	8	8	4	7	31

## INFANT MORTALITY

Cause of death	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 4 weeks	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	Total under 1 year
Prematurity	10	-	-	-	10	-	-	-	-	10
Congenital Malformations	2	-	-	-	2	-	4	-	-	6
Post Natal Asphyxia and Atelectasis	3	-	-	-	3	-	-	-	-	3
Pneumonia	-	-	-	-	-	1	1	1	-	3
Birth Injuries	-	-	-	-	-	-	-	-	-	-
Gastro Enteritis	-	-	-	-	-	-	-	-	-	-
Haemolytic diseases of new born	-	-	-	-	-	-	-	-	-	-
Other Diseases	-	-	1	1	2	1	3	1	1	8
T O T A L	15	-	1	1	17	2	8	2	1	30

PRINCIPAL CAUSES OF ACCIDENTAL DEATH OVER THE PAST SEVEN YEARS

Year	All causes	Road Traffic	At Work	Falls
1965	24	9	2	5
1966	23	8	1	3
1967	21	11	-	5
1968	19	9	-	4
1969	20	6	-	7
1970	31	10	1	14
1971	31	13	2	10

DEATHS FROM CANCER IN AGE GROUPS OVER THE PAST SEVEN YEARS AND RATES  
PER 1,000 OF POPULATION

Year	AGE GROUPS					Per 1,000 total pop'n	
	1-14	15-44	45-64	65 & over	All ages	Whiston	England & Wales
1965	-	9	40	61	110	1.84	2.23
1966	3	9	47	48	107	1.54	2.25
1967	-	5	52	64	121	1.68	2.27
1968	-	5	58	55	118	1.55	2.32
1969	2	13	46	76	137	1.67	2.35
1970	2	11	53	79	145	1.68	2.39
1971	1	4	61	77	143	1.67	2.39

DETAILS OF CANCER DEATHS OVER THE PAST SEVEN YEARS

Year		AGE GROUPS					Rate per 1,000 pop'n	Total All Ages
		1-14	15-44	45-64	65-74	75+		
1965	Stomach	-	-	6	4	9	0.31	19
	Lungs, bronchus	-	-	9	10	1	0.33	20
	Other sites	-	9	25	16	21	1.21	71
1966	Stomach	-	1	5	7	8	0.30	21
	Lungs, bronchus	-	1	18	9	1	0.42	29
	Other sites	3	7	24	6	17	0.82	57
1967	Stomach	-	-	6	10	5	0.29	21
	Lungs, bronchus	-	-	14	9	2	0.35	25
	Other sites	-	5	32	20	18	1.04	75
1968	Stomach	-	-	6	7	4	0.22	17
	Lungs, bronchus	-	-	18	8	6	0.42	32
	Other sites	-	5	34	23	7	0.91	69
1969	Stomach	-	-	4	6	4	0.17	14
	Lungs, bronchus	-	8	8	8	3	0.34	27
	Other sites	2	5	34	31	24	1.16	96
1970	Stomach	-	-	8	5	4	0.20	17
	Lungs, bronchus	-	1	17	19	6	0.50	43
	Other sites	2	10	28	21	24	0.98	85
1971	Stomach	-	1	3	3	3	0.12	10
	Lungs, bronchus	-	-	23	14	4	0.48	41
	Other sites	1	3	35	34	19	1.07	92



THE FOLLOWING TABLE SUMMARISES THE VITAL STATISTICS OF THE RURAL DISTRICT

Year	Live Births		Deaths (all causes)		Stillbirths		Maternal Mortality		Infant Mortality			
									Total		Neo-natal	
	No. regis- tered	Rate per 1,000 pop'n (crude)	No. regis- tered	Rate per 1,000 pop'n (crude)	No. regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 total births	No. of deaths regis- tered	Rate per 1,000 live births	No. of deaths regis- tered	Rate per 1,000 live births
1971	1285	15.1	750	8.8	23	18.0	-	.000	30	23.0	16	12.0
1970	1320	15.3	756	8.7	18	13.5	-	.000	27	20.5	20	15.3
1969	1291	15.7	720	8.7	16	12.2	-	.000	38	29.4	27	21.0
1968	1220	16.0	622	8.2	15	12.0	-	.000	26	21.3	22	18.0
1967	1131	15.7	611	8.5	23	19.9	-	.000	29	25.6	23	20.3
1966	1179	17.0	522	7.5	12	10.1	-	.000	16	13.6	10	8.5
Average 5 years 1966/70	1228	15.9	646	8.1	17	13.5	-	.000	27	22.1	20	16.6

Adjusted live birth rate (comparability factor 0.74) ... .. 11.2

Adjusted death rate (comparability factor 1.56) ... .. 13.7

# VITAL STATISTICS

The following figures based on the Registrar General's 1971 birth and death returns, together with case rates for certain infectious diseases for England and Wales are shown together with corresponding data in respect of the Whiston Rural District.

	England and Wales	Whiston R.D.
	Rate per 1,000 population mid- 1971	Rate per 1,000 population mid- 1971
Births:		
Live births ... ..	16.0	11.2 (c)
Still births ... ..	12.0	17.6 (a)
Deaths:		
All causes ... ..	11.6	13.7 (c)
Tuberculosis (all forms) ...	0.029	.035
Respiratory ... ..	0.025	0.02
Non-respiratory ... ..	0.004	.000
Cancer (all forms) ... ..	2.39	1.67
Lungs and Bronchus ... ..	0.63	0.48
Other cancer ... ..	1.76	1.07
Maternal mortality (total)..	0.17	.000 (a)
Maternal causes (excluding abortion)..	0.13	.000 (a)
Due to abortion ... ..	0.03	.000
Infant mortality ... ..	18	23 (b)
Neo-natal mortality ..	12	12 (b)
Notifications (corrected):		
Typhoid Fever ... ..	0.003	Nil
Paratyphoid Fever ... ..	0.002	Nil
Scarlet Fever ... ..	0.256	0.526
Whooping Cough ... ..	0.344	0.281
Diphtheria ... ..	.000	Nil
Smallpox ... ..	Nil	Nil
Measles ... ..	2.770	1.461
Acute Poliomyelitis		
(Paralytic) ... ..	.000	Nil
(Non Paralytic) ... ..	.000	Nil
Dysentery ... ..	0.219	0.023
Food Poisoning ... ..	0.138	Nil
Tuberculosis (Respiratory)	0.187	0.105
(Meninges and C.N.S) ...	0.003	Nil
Other forms ... ..	0.050	0.012
Infective Jaundice ... ..	0.289	0.070
Acute Meningitis ... ..	0.038	Nil
Ophthalmia Neonatorum ...	0.009	0.012
Acute Encephalitis (infective)	0.002	Nil

(a) Per 1,000 total live and still births

(b) Per 1,000 related births

(c) Adjusted rate



PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE - 1971

(i) Notifiable diseases during the year

Diseases	Total Cases Notified	Cases Admitted to Hospital	Total Deaths
Measles ... ..	125	-	-
Dysentery ... ..	2	1	-
Scarlet Fever ... ..	45	-	-
Acute Meningitis ... ..	-	-	-
Acute Encephalitis (Infective)	-	-	-
Typhoid Fever ... ..	-	-	-
Food Poisoning ... ..	-	-	-
Infective Jaundice ... ..	6	-	-
Pulmonary Tuberculosis ..	9	4	3
Non-pulmonary Tuberculosis	1	-	-
Whooping Cough ... ..	24	-	-
Ophthalmia Neonatorum ..	1	1	-

(ii) Cases of Infectious Diseases notified during the year

Notifiable Diseases	Total Cases	0-	1-	2-	3-	4-	5-	10-	15-	25+	Age Unknown
Measles ... ..	125	14	12	15	19	12	35	10	4	4	-
Dysentery ... ..	2	-	-	-	-	-	1	-	-	1	-
Scarlet Fever ... ..	45	-	1	4	6	6	22	4	1	1	-
Acute Meningitis ..	-	-	-	-	-	-	-	-	-	-	-

	Total Cases	0-	5-	15-	45-	65 and over	Age Unknown
Acute Encephalitis (Infective) ... ..	-	-	-	-	-	-	-
Typhoid Fever ... ..	-	-	-	-	-	-	-
Food Poisoning ... ..	-	-	-	-	-	-	-

	Total Cases	0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Age Unknown
Infective Jaundice ..	6	-	-	1	4	-	-	-	1	-	-	-	-	-	-
Pulmonary Tuberculosis	9	-	-	1	-	-	-	-	1	2	2	2	1	-	-
Non-pulmonary ... ..	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Tuberculosis ... ..	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough ..	24	2	3	5	11	1	2	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

# TUBERCULOSIS

Details of cases of Tuberculosis and of deaths from the disease during 1971 will be found in the following table:-

	NEW CASES				DEATHS			
Age Periods (Years)	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year	-	-	-	-	-	-	-	-
1 - 4	1	-	-	-	-	-	-	-
5 - 9	-	-	-	-	-	-	-	-
10 - 14	-	-	-	-	-	-	-	-
15 - 19	-	-	-	-	-	-	-	-
20 - 24	-	-	-	-	-	-	-	-
25 - 34	1	-	-	-	-	-	-	-
35 - 44	1	1	1	-	-	-	-	-
45 - 54	1	1	-	-	-	1	-	-
55 - 64	2	-	-	-	2	-	-	-
65 and over	1	-	-	-	-	-	-	-
T O T A L	7	2	1	-	2	1	-	-

# INSPECTION OF THE DISTRICT

## WATER SUPPLY

The water supplies of the district are obtained from three main sources:

Liverpool Corporation	-	Upland surface water
St. Helens Corporation	-	Deep wells
Widnes Corporation	-	Deep wells

The development of the district resulted in extension of the water mains throughout the district as follows:

<u>Liverpool Corporation</u>	-	(a) <u>To new Sources</u>	Nil
		(b) <u>Extensions of water main during the year</u>	
		(i) to existing dwellings	Nil
		(ii) to new dwellings	
		18" diameter	2,156 yards
		12" diameter	931 yards
		6" diameter	2,662 yards
		4" diameter	4,170 yards
		(iii) to other development	
		18" diameter	60 yards
		15" diameter	421 yards
		12" diameter	1,767 yards
		9" diameter	383 yards
		4" diameter	394 yards
<u>Widnes Corporation</u>	-	(a) <u>To New Sources</u>	Nil
		(b) <u>Extension of water main</u>	
		(i) to existing dwellings	
		3" diameter	54 yards
		4" diameter	1,099 yards
		6" diameter	190 yards
		8" diameter	152 yards
		10" diameter	8 yards
		12" diameter	1,364 yards
		(ii) to new dwellings	Nil
		(iii) to other development	
		3" diameter	104 yards
		18" diameter	126 yards

A further borehole supply with a yield of .217 m.g.d. (987 ML/d) has been developed at Eccleston Park during the year. This supply is pumped into Eccleston Hill Reservoir where it is blended with water from the Rivington Bulk Supply and Whiston Pumping Station.

(b) (ii) To New Dwellings

4" diameter	134 yards
8" diameter	30 yards

DRAINAGE AND SEWERAGE

The following lengths of sewers were constructed throughout the district during the year.

2,546 yards of 6" sewer
9,710 yards of 9" sewer
1,272 yards of 12" sewer
1,014 yards of 15" sewer
652 yards of 18" sewer
373 yards of 21" sewer
167 yards of 24" sewer
85 yards of 27" sewer
265 yards of 30" sewer
392 yards of 48" sewer



# SUMMARY OF PUBLIC HEALTH INSPECTORS' VISITS AND NOTICES SERVED

## Under Public Health Acts:

No. of houses inspected	...	...	...	...	...	...	...	1,880
Visits to these houses	...	...	...	...	...	...	...	2,544

## Under Housing Acts:

No. of houses inspected	...	...	...	...	...	...	...	398
Visits to these houses	...	...	...	...	...	...	...	421
Tents, vans, sheds, etc	...	...	...	...	...	...	...	16
Qualification Certificates	...	...	...	...	...	...	...	522
House Lettings	...	...	...	...	...	...	...	521
Housing Welfare	...	...	...	...	...	...	...	401
House Improvements	...	...	...	...	...	...	...	721

## Visits to:

Bakehouses	...	...	...	...	...	...	...	...	12
Butchers	...	...	...	...	...	...	...	...	113
Cafes	...	...	...	...	...	...	...	...	20
Canteens	...	...	...	...	...	...	...	...	35
Dairies	...	...	...	...	...	...	...	...	1
Fried Fish Shops	...	...	...	...	...	...	...	...	75
Grocers	...	...	...	...	...	...	...	...	212
Greengrocers, fruiterers	...	...	...	...	...	...	...	...	108
Hawkers	...	...	...	...	...	...	...	...	79
Sweets/Minerals etc	...	...	...	...	...	...	...	...	64
Licensed premises	...	...	...	...	...	...	...	...	58
Slaughterhouses	...	...	...	...	...	...	...	...	61
Miscellaneous	...	...	...	...	...	...	...	...	45

## Visits in connection with:

Atmospheric Pollution	...	...	...	...	...	...	...	...	4,734
Food and Drug sampling	...	...	...	...	...	...	...	...	91
Infectious disease	...	...	...	...	...	...	...	...	268
Offices, Shops and Railway Premises Act	...	...	...	...	...	...	...	...	87
Animal Boarding Establishments	...	...	...	...	...	...	...	...	16
Factories	...	...	...	...	...	...	...	...	24
Piggeries	...	...	...	...	...	...	...	...	24
Refuse Collection and Disposal	...	...	...	...	...	...	...	...	539
Schools	...	...	...	...	...	...	...	...	70
Noise Abatement	...	...	...	...	...	...	...	...	146
Rodent Control	...	...	...	...	...	...	...	...	2,579
Civic Amenities Act	...	...	...	...	...	...	...	...	187
Swimming Pools	...	...	...	...	...	...	...	...	12
Miscellaneous	...	...	...	...	...	...	...	...	254

Defects or nuisances	No. discovered	...	...	...	484
	No. abated	...	...	...	427

No. of notices served	Informal	...	...	...	...	274
	Statutory	...	...	...	...	5

Legal proceedings	No. taken	...	...	...	...	Nil
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## HOUSING

Three closing orders and five demolition orders were made during the year. The remaining unfit houses, which are few in number, will be dealt with as houses become available in the same parishes for rehousing of the occupants.

44 Improvement Grants and 16 Standard Grants were submitted by owner occupiers and approved by the local authority during the year.

During the year 703 dwellings were built, 82 by this authority, 341 by other local authorities and 280 were privately built.

## MOVEABLE DWELLINGS

There are 221 caravans in the Rural District, distributed over eight sites, two of which contain 160 and 40 caravans respectively, and are provided with a high standard of amenities including mains water supply, proper drainage, communal ablution and sanitary facilities, also a weekly collection of refuse.

The remaining sites are comparatively small and were in existence before the present legislation was enacted. All sites are regularly inspected.

The Rural District Council accept applications for rehousing from caravan dwellers once they have acquired the residential qualification and consider each case on its merits.



## INSPECTION AND SUPERVISION OF FOOD

During the year, 441 visits were made to food premises and 42 contraventions were remedied by informal action. The types of food premises in the district are as follows:

Greengrocers and provision dealers	...	...	...	...	...	89
Greengrocers and fruiterers(including those selling wet fish, and game)	...	...	...	...	...	20
Fishmongers	...	...	...	...	...	2
Meat Shops	...	...	...	...	...	26
Bakers and/or confectioners	...	...	...	...	...	14
Fried fish shops	...	...	...	...	...	12
Shops selling mainly sugar confectionery, minerals, ice-cream, etc	...	...	...	...	...	31
Licensed premises, clubs, canteens, restaurants, cafes, snack bars	...	...	...	...	...	84
Others	...	...	...	...	...	10

## BRUCELLOSIS

During the year one of the two farmers within the area producing and distributing untreated farm bottled milk no longer so operates and has since disposed of his dairy herd.

The other farmer has registered his herd as a Brucellosis Accredited herd.

Milk samples taken by the Veterinary Officer of the Ministry of Agriculture, Fisheries and Food in February, May and September were negative.

## FOOD HYGIENE

During the year routine work of food hygiene enforcement was continued in conjunction with the inspections required under the Offices, Shops and Railway Premises Act.

Food hawkers trading from vehicles have continued to have special attention, particularly in the Parishes of Halewood and Knowsley. 32 visits were made to these vehicles.

## SLAUGHTERHOUSE

The following table shows the number of carcasses inspected and condemned at the licensed Slaughterhouse at Annexe Farm.

				<u>Cattle</u> <u>excluding</u> <u>Cows</u>	<u>Calves</u>	<u>Sheep</u> <u>and</u> <u>Lambs</u>	<u>Pigs</u>
Number killed	...	...	...	115	1	9	-
Number inspected	...	...	...	115	1	9	-

All diseases except Tuberculosis and Cysticerci:

Whole Carcasses condemned ...	2	-	-	-
Carcasses of which some part or organ was condemned ... ..	21	-	-	-
Percentage of the number inspected with disease other than Tuberculosis and Cysticeri ... ..	20%	-	-	-

Cysticercosis:

Carcases of which some part or organ was condemned	...	...	-	-	-	-
Carcases submitted to treatment by refrigeration	...	...	-	-	-	-

## OTHER FOODS

The inspection and examination of foodstocks during the year resulted in the condemnation of the following:

					<u>Total quantity of stock or consignment examined and found unfit for human consumption</u>		
					<u>Tons</u>	<u>Cwts</u>	<u>Lbs</u>
Meat at slaughterhouse	...	...	...			6	76
Retail Shops	...	...	...	...		9	95
Canned Meats	...	...	...	...		2	33
Other Canned Foods	...	...	...	...		7	77
Frozen Foods due to cabinet breakdown	..				3	7	81
Fruit and vegetables (fresh)		...	...			13	5
Other Foods	...	...	...	...		1	86
T O T A L					5	9	5

# OFFICES, SHOPS AND RAILWAY PREMISES ACT

		CLASS OF PREMISES			
		Offices	Retail Shops	Wholesale Shops Warehouses	Catering Establishments open to Public Canteens
(i)	No. of registered premises at end of year ... ..	23	103	2	34
(ii)	No. of registered premises receiving a general inspection during year ...	11	32	-	15
(iii)	No. of exemptions current at end of year -				
	Space (S.5(2) ... ..	-	-	-	-
	Temperature (S.6) ... ..	-	-	-	-
	Sanitary Conveniences (S.9)	-	-	-	-
	Washing Facilities (S.10)	-	-	-	-

Most of the premises coming within the scope of the Act are registered and inspected.

87 inspections were made during the year, a total of 63 contraventions, detailed below, were found and the majority have been remedied.

## Contraventions found:

Cleanliness ... .. 12	Eating Facilities ... .. 3
Temperature ... .. 11	Floors, Passage and Stairs ... 4
Ventilation ... .. 3	Fencing exposed parts machinery 2
Lighting ... .. 2	First Aid ... .. 10
Sanitary Conveniences ... .. 5	Washing Facilities ... .. 6
Clothing Accommodation ... .. 1	Other matters ... .. 3
Sitting Facilities ... .. 1	

## NOISE ABATEMENT

There were 22 complaints of noise nuisance during the year. The majority were from domestic sources and consisted mainly of nuisance from radios played loudly at night and barking dogs. Industrial noise nuisance was caused by factory doors and windows being left open at night and factory noises causing annoyance to nearby householders. These nuisances were dealt with informally.

There were in addition complaints of noise from aircraft using Speke Airport. This authority is represented on the Liverpool Airport Consultative Committee. The Council are also members of the British Association for the Control of Aircraft Noise.

Orders in Operation 31st December, 1971

	No. of premises	Acreage
Knowsley No. 1.	3,357	314
Whiston No. 1.	729	74
Whiston No. 2.	1,122 (on completion)	69
Whiston No. 3.	652	80
Rainhill No. 1.	1,096	208

Orders submitted during the year, not yet Operative

Halewood No. 1.	1,611	215.6
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Orders submitted during the year, not yet Confirmed

Rainhill No. 2.	1,220	460
Knowsley No. 2.	997	262
Whiston No. 4.	1,400	330

MEASUREMENT OF AIR POLLUTION. BROOK STREET SITE

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mean 1970
Microgrammes per cu. meter	126	95	116	91	40	47	26	39	64	68	106	110	74
Smoke	220	196	202	186	131	123	115	118	175	180	127	196	164
SO <sub>2</sub>	.57	.48	.57	.49	.31	.38	.23	.33	.37	.38	.83	.56	.46
Smoke/SO <sub>2</sub> ratio													.45

These figures are made available to the Ministry of Technology and the measurements are part of a national survey on smoke and sulphur dioxide.



# PREVENTION OF DAMAGE BY PESTS ACT

The following table indicates the number of inspections carried out.

		TYPE OF PROPERTY	
		Non-Agricultural	Agricultural
(a)	No. of properties in district ...	26,595	275
(b)	Total No. of properties inspected following notification ... ..	1,075	15
(c)	No. of (b) infested by -		
	rats ... ..	746	15
	mice ... ..	329	8
(d)	Total No. of properties inspected for rats and/or mice for reasons other than notification ... ..	191	61
(e)	No. of (d) infested by -		
	rats ... ..	102	48
	mice ... ..	89	21

The routine control work was maintained throughout the year and the number of rats kept to a minimum. Sewer treatment in the district indicated that the rat population is being kept within reasonable limits.

## OFFENSIVE TRADES

The only offensive trade which exists in the district is that of a tripe boiler. Routine inspections show that the premises are kept in a satisfactory manner.

## PUBLIC CLEANSING

A weekly collection from domestic premises and a more frequent collection from schools, hospitals and some commercial premises is still maintained.

The works study based incentive bonus scheme for refuse collectors has become firmly established during the year.

The majority of the refuse collectors participated in this scheme and it is hoped to include the remainder in such scheme in the near future.

4,154 plastic sacks and 178 bulk containers were in use at the end of the year.

Whiston Rural District, Huyton and Prescott Urban District Councils continue to operate refuse disposal jointly.

Huyton Urban District Council's refuse tip in Whiston was used for the first three months of the year and for the rest of the year Whiston Rural District Council's Central tip in Pottery Lane was used.

# FACTORIES ACT, 1961

## 1. INSPECTIONS for purposes of provisions as to health

PREMISES	Number on Register	Inspec- tions	Written Notices	Occupiers prosecuted
(i) Factories in which sections 1,2,3,4, and 6 are to be enforced by Local Authorities	-	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	72	23	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excl. out-workers' premises) ... ..	23	10	-	-
T O T A L	95	33	-	-

## 2. CASES in which DEFECTS were found

PARTICULARS	Number of cases in which defects were found				Number of cases on which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable Temperature (S.3)	-	-	-	-	-
Inadequate Ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)	-	-	-	-	-
(a) Insufficient	1	1	-	1	-
(b) Unsuitable or defective	1	1	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to out-work) ... ..	-	-	-	-	-
T O T A L	2	2	-	2	-





